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| STATE | TENT BY APP | LICANI | First Named Inventor | Ian James Whitworth | | |
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| | • | | Examiner Name | P.W. Echols | | |
| Sheet | of | | Attorney Docket Number | 2308/100 | | |

| U.S. PATENT DOCUMENTS | | | | | | | | |
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| Examiner Inhiab* | Cita No. | U.S. Petast Document | Publication Date | Name of Pancaton or | Pages, Colomes, Lines, Where | | | |
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| Examiner Inhish | Chr. No.1 | Foreign Passer Document | Publication Date 104-DD-YYYY | Name of Patentes or Accidention of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant | 1* | | | |
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| | | OTHER PRIOR A | URT – NON PATENT L | ITERATURE DOCUMENTS | • | | | | |
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